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P.J. Narayanan, P.W. Rander... - Computer Vision, 1998. ... 2002 - [ieeeexplore.ieee.org](#)
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D Bouchlaghem, H Shang, J Whyte... - Automation in construction, 2005 - Elsevier
... Fig. 1. From 2D drawing to 3D **panorama**. View Within Article. ... When **creating 3D models**, each method has its own advantages and disadvantages. ... Rendered **images** are useful for visualizing materials and their appearance. ...
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M Levoy - Computer, 2006 - [ieeeexplore.ieee.org](#)
... the computer graphics field 10 years ago, 3,4 researchers have used them to fly around scenes without **creating 3D models** of them ... To minimize these distortions, two or more different projections can be combined in a single **image**. This produces a multiperspective **panorama**. ...
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SF El-Hakim - SPIE Proceedings, 2010 - [nrc.cisti-icist.nrc-cnrc.gc.ca](#)
... For relatively simple objects, structures, or environments, most existing methods are capable of successfully **creating 3D models**, albeit at varying degree of ... Although this site may lend itself to **image**-based rendering (IBR) visualization or **panoramas**, the many depth ...
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L Zhang, G Dugas-Phachon... - The Journal of ..., 2002 - intersciences.wiley.com
... of researchers has shown that moderate user interaction is highly effective in **creating 3D models** from a ... Shum et al.10 generated similar models from **panoramas** using a constraint system based ... scenes using collections of simple primitives from one or more **images**, also with ...
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S El-Hakim - Proceedings of the XIX ISPRS ..., 2010 - [nrc.cisti-icist.nrc-cnrc.gc.ca](#)
... The process of **creating 3D models** from real scenes has a few well-known steps [figure 1]: data collection, data registration, and modeling (geometry ... For example, **panoramas** [Szeliski et al, 1997 and Chen, 1995], light fields [Levoy et al, 1996], and **image**-based rendering ...
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Image-based modeling approach in creating 3D morphogenetic reconstruction of Liberty Square in Novi Sad

V Stojakovic... - Journal of Cultural Heritage, 2010 - Elsevier
... Restitution provides a way of **creating 3D models** based on analysis of existing 2D **images** ... of methods, such as terrestrial and aerial photogrammetry, historical **image** restitution, analysis ... For definite representation, **panorama** views of 3D models were extracted for each phase ...
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Creating compact architectural models by geo-registering image collections

R Grzeszczuk, J Kosecka... - ..., 2009 IEEE 12th ..., 2010 - [ieeeexplore.ieee.org](#)
... Instead of **creating 3D models**, they focus on novel ways to explore and navigate the **image** collec ... to make them match the overall mean and standard deviation of the **image** collection. Other techniques used in **panorama** stitching such as graph-cut and Poisson blending could ...
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T Redtem - Virtual Systems and Multimedia, 2001. ..., 2002 - [ieeeexplore.ieee.org](#)
... a 'panoramic photo composer' which offers a much more flexible approach to **panorama** composition than ... Alternatively a cylindrical background **image** may be used by placing it on a ... When **creating 3D models** from photos, a dedicated **image** modelling package such as 'realviz ...
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R Reulke, K Scheibe... - Recording, modeling and ..., 2006 - [books.google.com](#)
... The acquisition of additional range data is crucial for **creating 3D models** and different alternatives are ... 6 a 3D view of the merged LRF data and panoramic **image** data, based on ... 4 MOVING **PANORAMA** Moving **panorama** can be generated by an imaging system, mounted on a ...
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